

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,050,482 B2  
APPLICATION NO. : 09/827800  
DATED : May 23, 2006  
INVENTOR(S) : Imai et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Item 56, References Cited, OTHER PUBLICATIONS, first reference, line 3, change "Mandayan" to --Mandayam--

Column 1

Line 34, change "detoctor" to --detector--

Line 49, change "presents" to --are present--

Column 2

Line 8, change "period" to --periods--

Line 40, change "Channel" to --CHannel--

Column 3

Line 15, after "invention" remove "is"

Line 22, change "period" to --periods--

Line 35, remove "a"

Line 38, change "consisted" to --consisting--

Line 53, remove "a"

Line 56, change "consisted" to --consisting--

Column 4

Line 22, change "are" to --is--

Line 56, remove "a"

Column 5

Line 8, remove "a"

Line 11, change "consisted" to --consisting--

Column 6

Line 16, change "period" to --periods--

Line 17, change "1" to --1--

Line 29, change "1" to --1--

Line 43, change "period" to --periods--

Line 45, change "1" to --1--

Line 64, change "antenna" to --antennas--

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Column 7

Line 6, change "antenna" to --antennas--  
Line 9, change "antenna" to --antennas--  
Line 19, change "period" to --periods--  
Line 32, change "1" to --1--  
Line 47, change "period" to --periods--  
Line 48, change "1" to --1--

Column 8

Line 16, change "antenna" to --antennas--  
Line 63, after "27<sup>th</sup>" insert --inventions--  
Line 66, after "timing" change "value" to --values--

Column 9

Line 23, after "filter" insert --that--  
Lines 57-58, after "timing" change "value" to --values--

Column 10

Line 19, after "plurality" insert --of--  
Line 20, change "antenna" to --antennas--  
Line 20, change "period" to --periods--  
Line 22, change "antenna" to --antennas--  
Line 50, after "plurality" insert --of--  
Line 50, change "antenna" to --antennas--  
Line 51, change "period" to --periods--  
Line 52, change "antenna" to --antennas--  
Line 59, change "power" to --powers--

Column 11

Line 30, change "includes" to --including--

Column 12

Lines 12-13, after "detection" insert --can be done--

Column 15

Line 27, change "are" to --is--

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Column 16

Line 16, change "fir" to --for--

¶ Line 17, change "are" to --is--

Line 63, change "candidate" to --candidates--

Line 65, change "candidate" to --candidates--

Column 17

Line 2, change "as" to --is--

Line 37, change "S6" to --S26--

Line 56, change "measures" to --measured--

Column 18

Line 25, change "candidate" to --candidates--

Line 27, change "candidate" to --candidates--

Line 53, after "timings" insert --is derived--

Line 58, change "take" to --make--

Column 19

Line 3, after "mobile station," insert --and--

Line 34, replace Equation (2) with  $--\langle P_{11}|\alpha_1|^2 + P_{12}|\alpha_2|^2 \rangle--$

Column 21

Line 3, after "means" insert --2303--

Line 8, after "means" insert --2303--

Line 44, change "is" to --in--

Column 22

Line 45, remove "an"

Line 57, change "Condition" to --Conditions--

Column 25

Line 18, change "1" to --1--

Line 32, after "pattern," insert --and--

Line 42, change "us" to --is--

Column 26

Line 31, change "4" to --4--

Line 34, after "can not be" change "1" to --1--

Line 65, change "1" to --1--

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Column 28

Line 41, change "consisted" to --consisting--

Column 29

Line 41, change "consisted" to --consisting--

Column 31

Line 41, change "consisted" to --consisting--

Column 32

Line 38, after "to be measured" insert --by--

Line 38, change "transmitted" to --transmitting--

Line 46, change "period" to --periods--

Column 33

Line 6, after "to be measured" insert --by--

Line 6, change "transmitted" to --transmitting--

Line 6, before "transmission" insert --a--

Column 34

Line 53, change "rceived" to --received--

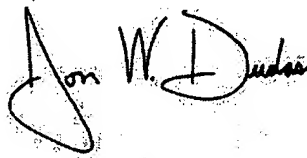
Column 36

Line 6, change "Vector" to --vector--

Lines 18-19, change "prode-tennined" to --prede-terminated--

Signed and Sealed this

Seventeenth Day of April, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*